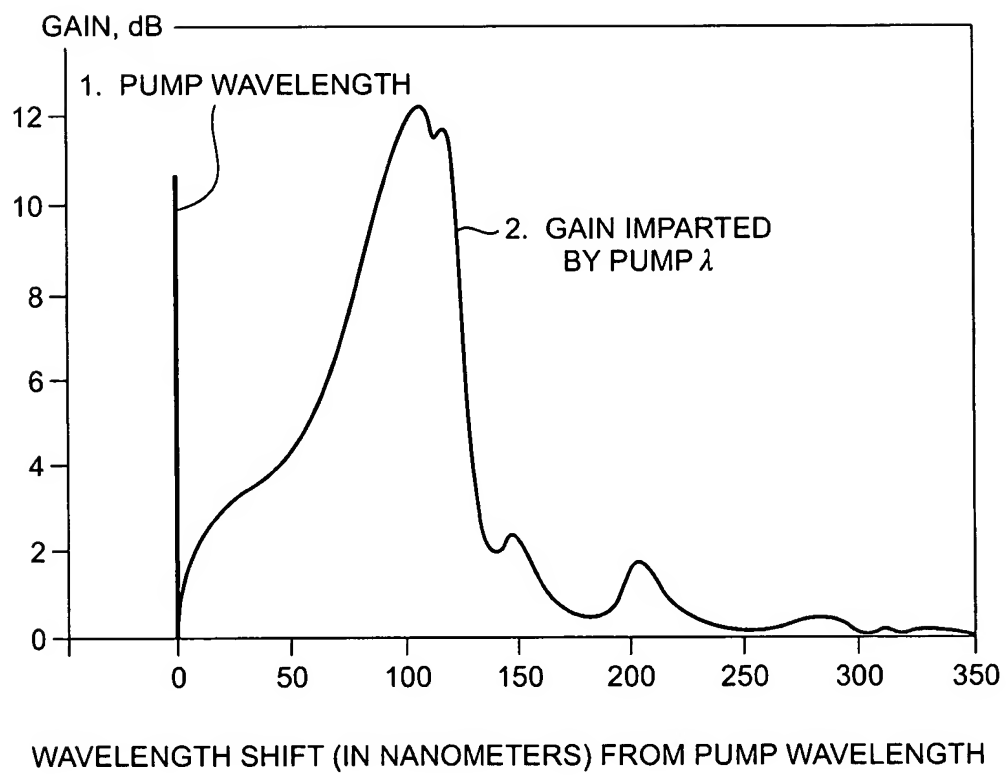
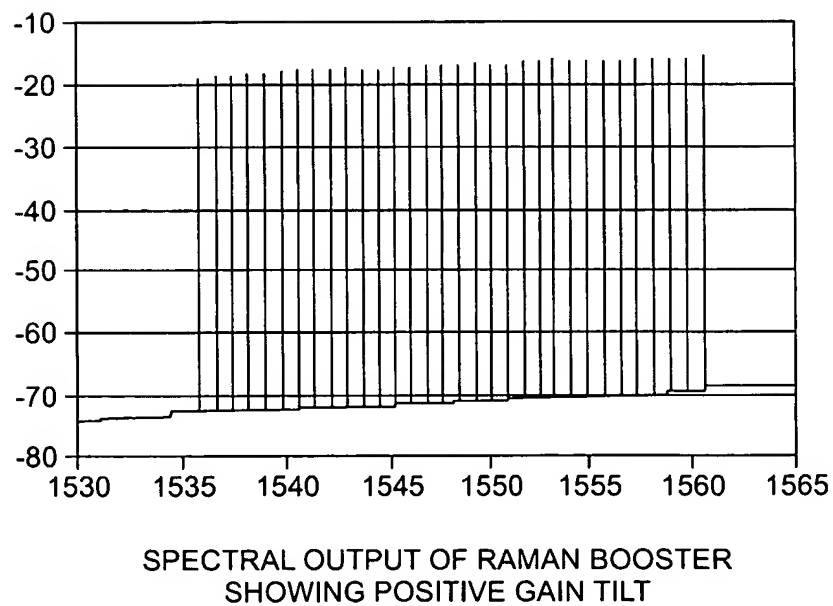
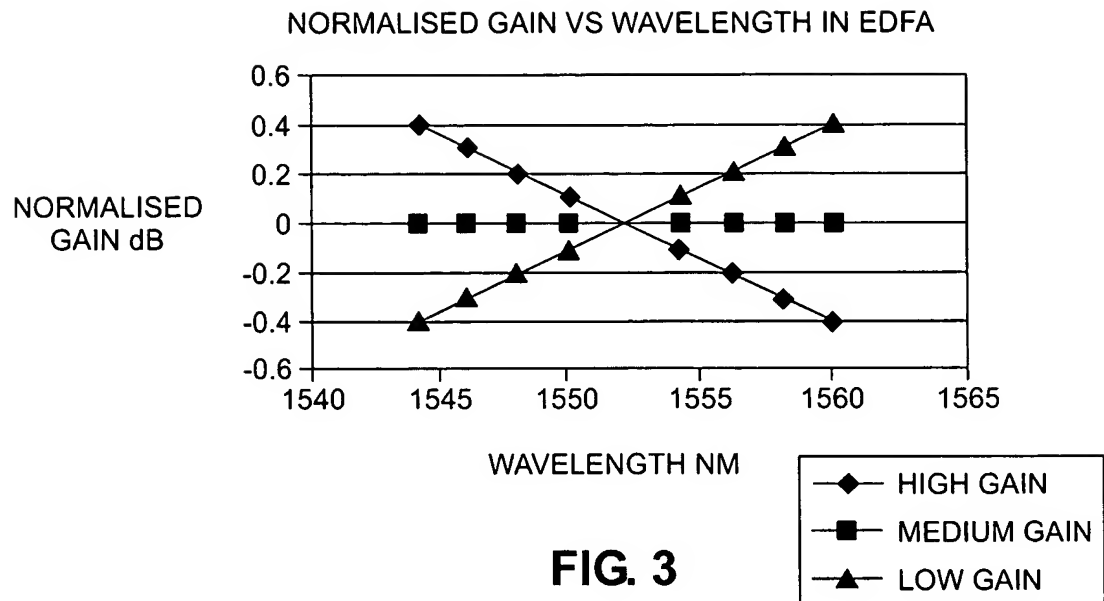


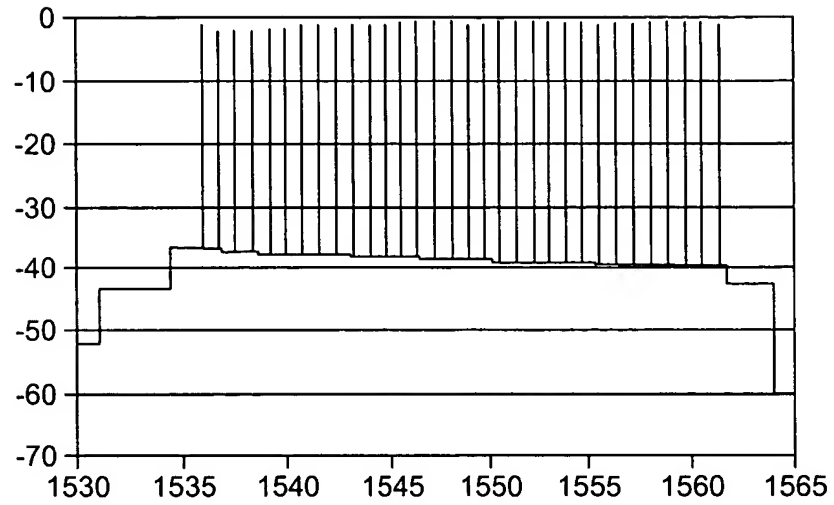
FIG. 1



TYPICAL RAMAN GAIN SPECTRUM

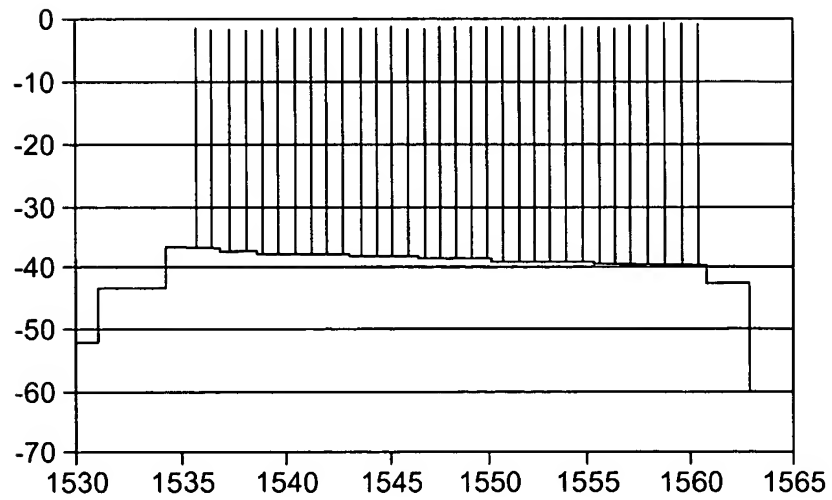
FIG. 2

**FIG. 4**



SPECTRAL OUTPUT OF FIRST EDFA REPEATER
SHOWING NEAR-FLAT GAIN TILT

FIG. 5



SPECTRAL OUTPUT OF SECOND EDFA REPEATER
SHOWING FLAT GAIN TILT

FIG. 6